



#10

Sequence Listing.txt  
SEQUENCE LISTING

<110> Bio-Technology General Corp.  
<120> Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED  
MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF  
<130> 10793/46  
<140> 10/029,988  
<141> 12/31/2001  
<150> 60/258,948  
<151> 12/29/2000

<160> 204  
<170> FastSEQ for Windows Version 3.0

<210> 1  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 1

Ser	Ser	Tyr	Thr	Ser	Ser	Ser	Thr	Leu	Val
1				5					10

<210> 2  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 2

Ser	Ser	Tyr	Thr	Ser	Ser	Ser	Thr	Leu	Gly
1				5					10

<210> 3  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 3

Gln	Ser	Tyr	Asp	Ser	Asn	Leu	Arg	Val
1				5				

# Sequence Listing.txt

<210> 4  
 <211> 8  
 <212> PRT  
 <213> Homo sapiens

<400> 4

Gln Gln Leu Asn Ser Tyr Pro Thr  
 1 5

<210> 5  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 5

Asn Ser Arg Asp Ser Ser Gly Phe Gln Leu Val  
 1 5 10

<210> 6  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 6

Gln Gln Ala Asn Ser Phe Pro Ile Thr  
 1 5

<210> 7  
 <211> 111  
 <212> PRT  
 <213> Homo sapiens

<400> 7

Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr  
 1 5 10 15

Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala Ser  
 20 25 30

# Sequence Listing.txt

Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr Gly  
35 40 45

Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser  
50 55 60

Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp  
65 70 75 80

Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn His Val  
85 90 95

Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Ala Ala Ala  
100 105 110

<210> 8  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 8

Met Arg Ala Pro Val Ile  
1 5

<210> 9  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 9

Pro Trp Asp Asp Val Thr Pro Pro  
1 5

<210> 10  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 10

Gly Phe Pro Arg Ile Thr Pro Pro Ser Ala Glu Ile  
1 5 10

Sequence Listing.txt

<210> 11  
<211> 5  
<212> PRT  
<213> Homo sapiens

<400> 11

Gly Phe Pro Met Pro  
1 5

<210> 12  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 12

Gly Phe Pro His Ser Ser Ser Val Ser Arg  
1 5 10

<210> 13  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 13

Arg Phe Pro Met Arg His Glu Lys Thr Asn Tyr  
1 5 10

<210> 14  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 14

Arg Phe Pro Pro Thr Ala Thr Ile  
1 5

<210> 15  
<211> 7

Sequence Listing.txt

<212> PRT  
<213> Homo sapiens

<400> 15

Thr Gln Arg Arg Asp Leu Gly  
1 5

<210> 16  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 16

Lys Phe Pro Gly Gly Thr Val Arg Gly Leu Lys  
1 5 10

<210> 17  
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<212> PRT  
<213> Homo sapiens

<400> 17

Gly Phe Pro Val Ile Val Glu Glu Arg Gln Ser Thr  
1 5 10

<210> 18  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 18

Arg Phe Pro Gln Arg Val Asp Asn Arg Val  
1 5 10

<210> 19  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 19

Sequence Listing.txt

Thr Gly Gln Ser Ile Lys Arg Ser  
1 5

<210> 20  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 20

Leu Thr His Pro Tyr Phe  
1 5

<210> 21  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 21

Leu Arg Pro Pro Gln Ser  
1 5

<210> 22  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 22

Thr Ser Lys Asn Thr Ser Ser Ser Lys Arg His  
1 5 10

<210> 23  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 23

Arg Tyr Tyr Cys Arg Ser Ser Asp Cys Thr Val Ser  
1 5 10

# Sequence Listing.txt

<210> 24  
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 <213> Homo sapiens

<400> 24

Phe Arg Arg Met Glu Thr Val Pro Ala Pro  
 1 5 10

<210> 25  
 <211> 277  
 <212> PRT  
 <213> Homo sapiens

<400> 25

Met Lys Tyr Leu Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Ala  
 1 5 10 15

Ala Gln Pro Ala Met Ala Glu Val Gln Leu Val Glu Ser Gly Gly Gly  
 20 25 30

Val Val Arg Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly  
 35 40 45

Phe Thr Phe Asp Asp Tyr Gly Met Ser Trp Val Arg Gln Ala Pro Gly  
 50 55 60

Lys Gly Leu Glu Trp Val Ser Gly Ile Asn Trp Asn Gly Gly Ser Thr  
 65 70 75 80

Gly Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn  
 85 90 95

Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp  
 100 105 110

Thr Ala Val Tyr Tyr Cys Ala Arg Met Arg Ala Pro Val Ile Trp Gly  
 115 120 125

Gln Gly Thr Leu Val Thr Val Ser Arg Gly Gly Gly Gly Ser Gly Gly  
 130 135 140

Gly Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala  
 145 150 155 160

Sequence Listing.txt

```

Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp
                165                170                175

Ser Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln
                180                185                190

Ala Pro Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile
                195                200                205

Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr
                210                215                220

Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser
225                230                235                240

Arg Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu
                245                250                255

Thr Val Leu Gly Ala Ala Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp
                260                265                270

Leu Asn Gly Ala Ala
                275

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<210> 26
<211> 464
<212> PRT
<213> Homo sapiens

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<400> 26

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Met Ala Trp Ala Leu Leu Leu Leu Thr Leu Leu Thr Gln Asp Thr Gly
1                5                10                15

Ser Trp Ala Asp Ile Gln Leu Val Glu Ser Gly Gly Gly Val Val Arg
                20                25                30

Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
                35                40                45

Asp Asp Tyr Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
50                55                60

Glu Trp Val Ser Gly Ile Asn Trp Asn Gly Gly Ser Thr Gly Tyr Ala
65                70                75                80

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# Sequence Listing.txt

Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn
				85					90					95	
Ser	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val
			100					105					110		
Tyr	Tyr	Cys	Ala	Arg	Met	Arg	Ala	Pro	Val	Ile	Trp	Gly	Gln	Gly	Thr
		115					120					125			
Leu	Val	Thr	Val	Ser	Ser	Ala	Ser	Thr	Lys	Gly	Pro	Ser	Val	Phe	Pro
	130					135					140				
Leu	Ala	Pro	Ser	Ser	Lys	Ser	Thr	Ser	Gly	Gly	Thr	Ala	Ala	Leu	Gly
145					150					155					160
Cys	Leu	Val	Lys	Asp	Tyr	Phe	Pro	Glu	Pro	Val	Thr	Val	Ser	Trp	Asn
				165					170					175	
Ser	Gly	Ala	Leu	Thr	Ser	Gly	Val	His	Thr	Phe	Pro	Ala	Val	Leu	Gln
			180					185					190		
Ser	Ser	Gly	Leu	Tyr	Ser	Leu	Ser	Ser	Val	Val	Thr	Val	Pro	Ser	Ser
		195					200					205			
Ser	Leu	Gly	Thr	Gln	Thr	Tyr	Ile	Cys	Asn	Val	Asn	His	Lys	Pro	Ser
	210					215					220				
Asn	Thr	Lys	Val	Asp	Lys	Arg	Val	Glu	Pro	Lys	Ser	Cys	Asp	Lys	Thr
225					230					235					240
His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser
				245					250					255	
Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg
			260					265					270		
Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro
		275					280					285			
Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala
	290					295					300				
Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val
305					310					315					320
Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr
				325					330					335	

Sequence Listing.txt

Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr  
340 345 350

Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu  
355 360 365

Pro Pro Ser Arg Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys  
370 375 380

Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser  
385 390 395 400

Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Ser Pro Val Leu Asp  
405 410 415

Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser  
420 425 430

Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala  
435 440 445

Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly Lys  
450 455 460

<210> 27  
<211> 233  
<212> PRT  
<213> Homo sapiens

<400> 27

Met Ala Trp Ala Leu Leu Leu Leu Thr Leu Leu Thr Gln Asp Thr Gly  
1 5 10 15

Ser Trp Ala Asp Ala Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala  
20 25 30

Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser  
35 40 45

Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu  
50 55 60

Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe  
65 70 75 80

# Sequence Listing.txt

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Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala
      85                      90                      95

Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser
      100                      105                      110

Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
      115                      120                      125

Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu
      130                      135                      140

Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe
      145                      150                      155                      160

Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val
      165                      170                      175

Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys
      180                      185                      190

Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser
      195                      200                      205

His Lys Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu
      210                      215                      220

Lys Thr Val Ala Pro Thr Glu Cys Ser
      225                      230

```

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<210> 28
<211> 11
<212> PRT
<213> Homo sapiens

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```

<400> 28

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```

Phe Leu Thr Tyr Asn Ser Tyr Glu Val Pro Thr
1          5          10

```

```

<210> 29
<211> 9
<212> PRT
<213> Homo sapiens

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# Sequence Listing.txt

<400> 29

Thr Asn Trp Tyr Leu Arg Pro Leu Asn  
1 5

<210> 30

<211> 98

<212> PRT

<213> Homo sapiens

<400> 30

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
1 5 10 15

Thr Val Lys Ile Ser Cys Lys Val Ser Gly Tyr Thr Phe Thr Asp Tyr  
20 25 30

Tyr Met His Trp Val Gln Gln Ala Pro Gly Lys Gly Leu Glu Trp Met  
35 40 45

Gly Leu Val Asp Pro Glu Asp Gly Glu Thr Ile Tyr Ala Glu Lys Phe  
50 55 60

Gln Gly Arg Val Thr Ile Thr Ala Asp Thr Ser Thr Asp Thr Ala Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Thr

<210> 31

<211> 98

<212> PRT

<213> Homo sapiens

<400> 31

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ile Phe Thr Asp Tyr  
20 25 30

# Sequence Listing.txt

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Glu Leu Gly Trp Met  
35 40 45

Gly Arg Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe  
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr  
65 70 75 80

Thr Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Thr Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 32  
<211> 98  
<212> PRT  
<213> Homo sapiens

<400> 32

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
1 5 10 15

Ser Val Lys Val Ser Cys Lys Val Ser Gly Tyr Thr Leu Thr Glu Leu  
20 25 30

Ser Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Met  
35 40 45

Gly Gly Phe Asp Pro Glu Asp Gly Glu Thr Ile Tyr Ala Gln Lys Phe  
50 55 60

Gln Gly Arg Val Thr Met Thr Glu Asp Thr Ser Thr Asp Thr Ala Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Thr

<210> 33  
<211> 98  
<212> PRT  
<213> Homo sapiens

# Sequence Listing.txt

<400> 33

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	
1				5					10					15		
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Gly	Tyr	
			20					25					30			
Tyr	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	
		35					40					45				
Gly	Arg	Ile	Asn	Pro	Asn	Ser	Gly	Gly	Thr	Asn	Tyr	Ala	Gln	Lys	Phe	
	50					55					60					
Gln	Gly	Arg	Val	Thr	Ser	Thr	Arg	Asp	Thr	Ser	Ile	Ser	Thr	Ala	Tyr	
65					70					75					80	
Met	Glu	Leu	Ser	Arg	Leu	Arg	Ser	Asp	Asp	Thr	Val	Val	Tyr	Tyr	Cys	
				85					90					95		

Ala Arg

<210> 34

<211> 98

<212> PRT

<213> Homo sapiens

<400> 34

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	
1				5					10					15		
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Gly	Tyr	
			20					25					30			
Tyr	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	
		35					40					45				
Gly	Trp	Ile	Asn	Pro	Asn	Ser	Gly	Gly	Thr	Asn	Tyr	Ala	Gln	Lys	Phe	
	50					55`					60					
Gln	Gly	Arg	Val	Thr	Met	Thr	Arg	Asp	Thr	Ser	Ile	Ser	Thr	Ala	Tyr	
65					70					75					80	
Met	Glu	Leu	Ser	Arg	Leu	Arg	Ser	Asp	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	
				85					90					95		

# Sequence Listing.txt

Ala Arg

<210> 35  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens  
 <400> 35

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Gly	Tyr
			20					25					30		
Tyr	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met
		35					40					45			
Gly	Trp	Ile	Asn	Pro	Asn	Ser	Gly	Gly	Thr	Asn	Tyr	Ala	Gln	Lys	Phe
	50					55					60				
Gln	Gly	Trp	Val	Thr	Met	Thr	Arg	Asp	Thr	Ser	Ile	Ser	Thr	Ala	Tyr
65					70					75					80
Met	Glu	Leu	Ser	Arg	Leu	Arg	Ser	Asp	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 36  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens  
 <220>  
 <221> X  
 <222> (1)..(98)  
 <223> Xaa  
 <400> 36

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Leu	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Gly	Tyr

Sequence Listing.txt

	20						25					30							
Tyr	Met	His	Trp	Val	Xaa	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met				
	35						40					45							
Gly	Trp	Ile	Asn	Pro	Asn	Ser	Gly	Gly	Thr	Asn	Tyr	Ala	Gln	Lys	Phe				
	50					55					60								
Gln	Gly	Arg	Val	Thr	Met	Thr	Arg	Asp	Thr	Ser	Ile	Ser	Thr	Ala	Tyr				
65					70					75					80				
Met	Glu	Leu	Ser	Arg	Leu	Arg	Ser	Asp	Asp	Thr	Ala	Val	Tyr	Tyr	Cys				
				85					90					95					

Ala Arg

<210> 37  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 37

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala				
1			5						10					15					
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Asn	Tyr				
			20				25						30						
Cys	Met	His	Trp	Val	Arg	Gln	Val	His	Ala	Gln	Gly	Leu	Glu	Trp	Met				
		35				40						45							
Gly	Leu	Val	Cys	Pro	Ser	Asp	Gly	Ser	Thr	Ser	Tyr	Ala	Gln	Lys	Phe				
	50					55					60								
Gln	Ala	Arg	Val	Thr	Ile	Thr	Arg	Asp	Thr	Ser	Met	Ser	Thr	Ala	Tyr				
65					70					75					80				
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Met	Tyr	Tyr	Cys				
				85					90					95					

Val Arg

<210> 38  
 <211> 98  
 <212> PRT



# Sequence Listing.txt

<213> Homo sapiens

<400> 38

Gln	Met	Gln	Leu	Val	Gln	Ser	Gly	Pro	Glu	Val	Lys	Lys	Pro	Gly	Thr		
1				5					10					15			
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Phe	Thr	Phe	Thr	Ser	Ser		
			20					25						30			
Ala	Val	Gln	Trp	Val	Arg	Gln	Ala	Arg	Gly	Gln	Arg	Leu	Glu	Trp	Ile		
		35					40					45					
Gly	Trp	Ile	Val	Val	Gly	Ser	Gly	Asn	Thr	Asn	Tyr	Ala	Gln	Lys	Phe		
	50					55					60						
Gln	Glu	Arg	Val	Thr	Ile	Thr	Arg	Asp	Met	Ser	Thr	Ser	Thr	Ala	Tyr		
65					70					75					80		
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys		
				85					90					95			

Ala Ala

<210> 39

<211> 98

<212> PRT

<213> Homo sapiens

<400> 39

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ser		
1				5					10					15			
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Gly	Thr	Phe	Ser	Ser	Tyr		
			20					25					30				
Ala	Ile	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met		
		35					40					45					
Gly	Gly	Ile	Ile	Pro	Ile	Phe	Gly	Thr	Ala	Asn	Tyr	Ala	Gln	Lys	Phe		
	50					55					60						
Gln	Gly	Arg	Val	Thr	Ile	Thr	Ala	Asp	Glu	Ser	Thr	Ser	Thr	Ala	Tyr		
65					70					75					80		
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys		

## Sequence Listing.txt

85

90

95

Ala Arg

<210> 40  
<211> 98  
<212> PRT  
<213> Homo sapiens

&lt;400&gt; 40

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ser	
1				5					10					15		
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Gly	Thr	Phe	Ser	Ser	Tyr	
			20					25					30			
Ala	Ile	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	
		35					40					45				
Gly	Arg	Ile	Ile	Pro	Ile	Leu	Gly	Ile	Ala	Asn	Tyr	Ala	Gln	Lys	Phe	
	50					55				60						
Gln	Gly	Arg	Val	Thr	Ile	Thr	Ala	Asp	Lys	Ser	Thr	Ser	Thr	Ala	Tyr	
65					70					75					80	
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	
				85					90					95		

Ala Arg

<210> 41  
<211> 98  
<212> PRT  
<213> Homo sapiens

&lt;400&gt; 41

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala	
1				5					10					15		
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr	
			20					25					30			
Ala	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Arg	Leu	Glu	Trp	Met	
		35					40					45				

# Sequence Listing.txt

Gly Trp Ile Asn Ala Gly Asn Gly Asn Thr Lys Tyr Ser Gln Lys Phe  
50 55 60

Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 42

<211> 98

<212> PRT

<213> Homo sapiens

<400> 42

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr  
20 25 30

Ala Met His Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met  
35 40 45

Gly Trp Ser Asn Ala Gly Asn Gly Asn Thr Lys Tyr Ser Gln Glu Phe  
50 55 60

Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Met Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 43

<211> 98

<212> PRT

<213> Homo sapiens

<400> 43

Sequence Listing.txt

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ser	Glu	Leu	Lys	Lys	Pro	Gly	Ala	
1				5					10					15		
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr	
			20					25					30			
Ala	Met	Asn	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	
		35					40					45				
Gly	Trp	Ile	Asn	Thr	Asn	Thr	Gly	Asn	Pro	Thr	Tyr	Ala	Gln	Gly	Phe	
	50					55					60					
Thr	Gly	Arg	Phe	Val	Phe	Ser	Leu	Asp	Thr	Ser	Val	Ser	Thr	Ala	Tyr	
65					70					75					80	
Leu	Gln	Ile	Cys	Ser	Leu	Lys	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	
				85					90					95		

Ala Arg

<210> 44  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 44

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ser	Glu	Leu	Lys	Lys	Pro	Gly	Ala	
1				5					10					15		
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr	
			20					25					30			
Ala	Met	Asn	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	
		35					40					45				
Gly	Trp	Ile	Asn	Thr	Asn	Thr	Gly	Asn	Pro	Thr	Tyr	Ala	Gln	Gly	Phe	
	50					55					60					
Thr	Gly	Arg	Phe	Val	Phe	Ser	Leu	Asp	Thr	Ser	Val	Ser	Thr	Ala	Tyr	
65					70					75					80	
Leu	Gln	Ile	Ser	Ser	Leu	Lys	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	
				85					90					95		

Ala Arg

# Sequence Listing.txt

<210> 45  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 45

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr
			20					25					30		
Asp	Ile	Asn	Trp	Val	Arg	Gln	Ala	Thr	Gly	Gln	Gly	Leu	Glu	Trp	Met
		35					40					45			
Gly	Trp	Met	Asn	Pro	Asn	Ser	Gly	Asn	Thr	Gly	Tyr	Ala	Gln	Lys	Phe
	50					55					60				
Gln	Gly	Arg	Val	Thr	Met	Thr	Arg	Asn	Thr	Ser	Ile	Ser	Thr	Ala	Tyr
65					70					75					80
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 46  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 46

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr
			20					25					30		
Gly	Ile	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met
		35					40					45			
Gly	Trp	Ile	Ser	Ala	Tyr	Asn	Gly	Asn	Thr	Asn	Tyr	Ala	Gln	Lys	Leu
	50					55					60				
Gln	Gly	Arg	Val	Thr	Met	Thr	Thr	Asp	Thr	Ser	Thr	Ser	Thr	Ala	Tyr

Sequence Listing.txt

65		70		75		80									
Met	Glu	Leu	Arg	Ser	Leu	Arg	Ser	Asp	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85				90						95	

Ala Arg

<210> 47  
 <211> 92  
 <212> PRT  
 <213> Homo sapiens

<400> 47

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr
			20					25					30		
Gly	Ile	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met
		35					40					45			
Gly	Trp	Ile	Ser	Ala	Tyr	Asn	Gly	Asn	Thr	Asn	Tyr	Ala	Gln	Lys	Leu
	50					55					60				
Gln	Gly	Arg	Val	Thr	Met	Thr	Thr	Asp	Thr	Ser	Thr	Ser	Thr	Ala	Tyr
65					70					75					80
Met	Glu	Leu	Arg	Ser	Leu	Arg	Ser	Asp	Asp	Thr	Ala				
				85				90							

<210> 48  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 48

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala
1				5					10					15	
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Ser	Tyr
			20					25					30		
Tyr	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met
		35					40					45			

# Sequence Listing.txt

Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Ser Tyr Ala Gln Lys Phe  
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 49

<211> 98

<212> PRT

<213> Homo sapiens

<400> 49

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Asn Ser Tyr  
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met  
35 40 45

Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Ser Tyr Ala Gln Lys Phe  
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 50

<211> 98

<212> PRT

<213> Homo sapiens

<400> 50

# Sequence Listing.txt

Gln	Met	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Thr	Gly	Ser		
1				5					10					15			
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Tyr	Arg		
			20					25					30				
Tyr	Leu	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Ala	Leu	Glu	Trp	Met		
		35					40					45					
Gly	Trp	Ile	Thr	Pro	Phe	Asn	Gly	Asn	Thr	Asn	Tyr	Ala	Gln	Lys	Phe		
	50					55					60						
Gln	Asp	Arg	Val	Thr	Ile	Thr	Arg	Asp	Arg	Ser	Met	Ser	Thr	Ala	Tyr		
65					70					75					80		
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Met	Tyr	Tyr	Cys		
				85					90					95			

Ala Arg

<210> 51  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 51

Gln	Met	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Thr	Gly	Ser		
1				5					10					15			
Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	Thr	Tyr	Arg		
			20					25					30				
Tyr	Leu	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Ala	Leu	Glu	Trp	Met		
		35					40					45					
Gly	Trp	Ile	Thr	Pro	Phe	Asn	Gly	Asn	Thr	Asn	Tyr	Ala	Gln	Lys	Phe		
	50					55					60						
Gln	Asp	Arg	Val	Thr	Ile	Thr	Arg	Asp	Arg	Ser	Met	Ser	Thr	Ala	Tyr		
65					70					75					80		
Met	Glu	Leu	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Met	Tyr	Tyr	Cys		
				85					90					95			

Ala Arg



# Sequence Listing.txt

<210> 52  
 <211> 96  
 <212> PRT  
 <213> Homo sapiens

<400> 52

Gln	Val	Thr	Leu	Lys	Glu	Ser	Gly	Pro	Val	Leu	Val	Lys	Pro	Thr	Glu
1				5					10					15	
Thr	Leu	Thr	Leu	Thr	Cys	Thr	Val	Ser	Gly	Phe	Ser	Leu	Ser	Asn	Ala
			20					25					30		
Arg	Met	Gly	Val	Ser	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Ala	Leu	Glu
		35					40					45			
Trp	Leu	Ala	His	Ile	Phe	Ser	Asn	Asp	Glu	Lys	Ser	Tyr	Ser	Thr	Ser
	50					55					60				
Leu	Lys	Ser	Arg	Leu	Thr	Ile	Ser	Lys	Asp	Thr	Ser	Lys	Ser	Gln	Val
65					70					75					80
Val	Leu	Thr	Met	Thr	Asn	Met	Asp	Pro	Val	Asp	Thr	Ala	Thr	Tyr	Tyr
				85					90					95	

<210> 53  
 <211> 99  
 <212> PRT  
 <213> Homo sapiens

<400> 53

Gln	Ile	Thr	Leu	Lys	Glu	Ser	Gly	Pro	Thr	Leu	Val	Lys	Pro	Thr	Gln
1				5					10					15	
Thr	Leu	Thr	Leu	Thr	Cys	Thr	Phe	Ser	Gly	Phe	Ser	Leu	Ser	Thr	Ser
			20					25					30		
Glu	Trp	Cys	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Ala	Leu	Glu	Trp
		35					40					45			
Leu	Ala	Leu	Ile	Tyr	Trp	Asn	Asp	Asp	Lys	Arg	Tyr	Ser	Pro	Ser	Leu
	50					55					60				
Lys	Ser	Arg	Leu	Thr	Ile	Thr	Lys	Asp	Thr	Ser	Lys	Asn	Gln	Val	Val
65					70					75					80

# Sequence Listing.txt

Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys  
85 90 95

Ala His Arg

<210> 54  
<211> 96  
<212> PRT  
<213> Homo sapiens

<400> 54

Gln Val Thr Leu Arg Glu Ser Gly Pro Ala Leu Val Lys Pro Thr Gln  
1 5 10 15

Thr Leu Thr Leu Thr Cys Thr Phe Ser Gly Phe Ser Leu Ser Thr Ser  
20 25 30

Gly Met Cys Val Ser Trp Ile Arg Gln Pro Pro Gly Lys Ala Leu Glu  
35 40 45

Trp Leu Ala Leu Ile Asp Trp Asp Asp Asp Lys Tyr Tyr Ser Thr Ser  
50 55 60

Leu Lys Thr Arg Leu Thr Ile Ser Lys Asp Thr Ser Lys Asn Gln Val  
65 70 75 80

Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr  
85 90 95

<210> 55  
<211> 96  
<212> PRT  
<213> Homo sapiens

<400> 55

Gln Val Thr Leu Lys Glu Ser Gly Pro Ala Leu Val Lys Pro Thr Gln  
1 5 10 15

Thr Leu Thr Leu Thr Cys Thr Phe Ser Gly Phe Ser Leu Ser Thr Ser  
20 25 30

Gly Met Arg Val Ser Trp Ile Arg Gln Pro Pro Gly Lys Ala Leu Glu  
35 40 45

Trp Leu Ala Arg Ile Asp Trp Asp Asp Asp Lys Phe Tyr Ser Thr Ser

Sequence Listing.txt

50

55

60

Leu Lys Thr Arg Leu Thr Ile Ser Lys Asp Thr Ser Lys Asn Gln Val  
65 70 75 80

Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr  
85 90 95

<210> 56  
<211> 100  
<212> PRT  
<213> Homo sapiens

<400> 56

Gln Ile Thr Leu Lys Glu Ser Gly Pro Thr Leu Val Lys Pro Thr Gln  
1 5 10 15

Thr Leu Thr Leu Thr Cys Thr Phe Ser Gly Phe Ser Leu Ser Thr Ser  
20 25 30

Gly Val Gly Val Gly Trp Ile Arg Gln Pro Pro Gly Lys Ala Leu Glu  
35 40 45

Trp Leu Ala Leu Ile Tyr Trp Asn Asp Asp Lys Arg Tyr Ser Pro Ser  
50 55 60

Leu Lys Ser Arg Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val  
65 70 75 80

Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr  
85 90 95

Cys Ala His Arg  
100

<210> 57  
<211> 100  
<212> PRT  
<213> Homo sapiens

<400> 57

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly  
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asp His  
20 25 30

# Sequence Listing.txt

Tyr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val  
35 40 45

Gly Arg Thr Arg Asn Lys Ala Asn Ser Tyr Thr Thr Glu Tyr Ala Ala  
50 55 60

Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Ser  
65 70 75 80

Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr  
85 90 95

Tyr Cys Ala Arg  
100

<210> 58  
<211> 100  
<212> PRT  
<213> Homo sapiens

<400> 58

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly  
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asp His  
20 25 30

Tyr Met Ser Trp Val Arg Gln Ala Gln Gly Lys Gly Leu Glu Leu Val  
35 40 45

Gly Leu Ile Arg Asn Lys Ala Asn Ser Tyr Thr Thr Glu Tyr Ala Ala  
50 55 60

Ser Val Lys Gly Arg Leu Thr Ile Ser Arg Glu Asp Ser Lys Asn Thr  
65 70 75 80

Leu Tyr Leu Gln Met Ser Ser Leu Lys Thr Glu Asp Leu Ala Val Tyr  
85 90 95

Tyr Cys Ala Arg  
100

<210> 59  
<211> 100  
<212> PRT  
<213> Homo sapiens

# Sequence Listing.txt

<400> 59

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly		
1				5					10					15			
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Asp	His		
			20					25					30				
Tyr	Met	Ser	Trp	Val	Arg	Gln	Ala	Gln	Gly	Lys	Gly	Leu	Glu	Leu	Val		
		35					40					45					
Gly	Leu	Ile	Arg	Asn	Lys	Ala	Asn	Ser	Tyr	Thr	Thr	Glu	Tyr	Ala	Ala		
	50					55					60						
Ser	Val	Lys	Gly	Arg	Leu	Thr	Ile	Ser	Arg	Glu	Asp	Ser	Lys	Asn	Thr		
65					70					75					80		
Leu	Tyr	Leu	Gln	Met	Ser	Ser	Leu	Lys	Thr	Glu	Asp	Leu	Ala	Val	Tyr		
				85					90					95			
Tyr	Cys	Ala	Arg														
			100														

<210> 60

<211> 98

<212> PRT

<213> Homo sapiens

<400> 60

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Arg		
1				5					10					15			
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Asp	Asp	Tyr		
			20					25					30				
Ala	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val		
		35					40					45					
Ser	Gly	Ile	Ser	Trp	Asn	Ser	Gly	Ser	Ile	Gly	Tyr	Ala	Asp	Ser	Val		
	50					55				60							
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Ser	Leu	Tyr		
65					70					75					80		
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Leu	Tyr	Tyr	Cys		
				85					90					95			

# Sequence Listing.txt

## Ala Lys

<210> 61  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 61

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Val	Val	Arg	Pro	Gly	Gly	1	5	10	15
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Asp	Asp	Tyr	20	25	30	
Gly	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val	35	40	45	
Ser	Gly	Ile	Asn	Trp	Asn	Gly	Gly	Ser	Thr	Gly	Tyr	Ala	Asp	Ser	Val	50	55	60	
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Ser	Leu	Tyr	65	70	75	80
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Leu	Tyr	His	Cys	85	90	95	

## Ala Arg

<210> 62  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 62

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Val	Val	Val	Gln	Pro	Gly	Gly	1	5	10	15
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Asp	Asp	Tyr	20	25	30	
Thr	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val	35	40	45	

# Sequence Listing.txt

Ser Leu Ile Ser Trp Asp Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val  
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Ser Leu Tyr  
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Thr Glu Asp Thr Ala Leu Tyr Tyr Cys  
85 90 95

Ala Lys

<210> 63

<211> 98

<212> PRT

<213> Homo sapiens

<400> 63

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly  
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asp Tyr  
20 25 30

Tyr Met Ser Trp Ile Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val  
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val  
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr  
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 64

<211> 100

<212> PRT

<213> Homo sapiens

<400> 64

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly

Sequence Listing.txt

1	5	10	15
Ser Leu Arg	Leu Ser Cys Ala Ala	Ser Gly Phe Thr Phe	Ser Asn Ala
	20	25	30
Trp Met Ser	Trp Val Arg Gln Ala Pro	Gly Lys Gly Leu Glu	Trp Val
	35	40	45
Gly Arg Ile	Lys Ser Lys Thr Asp Gly Gly	Thr Thr Asp Tyr Ala Ala	
	50	55	60
Pro Val Lys	Gly Arg Phe Thr Ile Ser Arg	Asp Asp Ser Lys Asn Thr	
65	70	75	80
Leu Tyr Leu	Gln Met Asn Ser Leu Lys Thr	Glu Asp Thr Ala Val Tyr	
	85	90	95
Tyr Cys Thr	Thr		
	100		

<210> 65  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 65

Glu Val Gln	Leu Val Glu Ser Gly Gly	Gly Leu Val Gln Pro Gly Gly
1	5	10
Ser Leu Arg	Leu Ser Cys Pro Ala Ser Gly	Phe Thr Phe Ser Asn His
	20	25
Tyr Met Ser	Trp Val Arg Gln Ala Pro Gly	Lys Gly Leu Glu Trp Val
	35	40
Ser Tyr Ile	Ser Gly Asp Ser Gly Tyr Thr	Asn Tyr Ala Asp Ser Val
	50	55
Lys Gly Arg	Phe Thr Ile Ser Arg Asp Asn	Ala Asn Asn Ser Pro Tyr
65	70	75
Leu Gln Met	Asn Ser Leu Arg Ala Glu Asp	Thr Ala Val Tyr Tyr Cys
	85	90
Val Lys		



# Sequence Listing.txt

<210> 66  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 66

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly		
1				5					10					15			
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Asn	His		
			20					25					30				
Tyr	Thr	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val		
		35					40					45					
Ser	Tyr	Ser	Ser	Gly	Asn	Ser	Gly	Tyr	Thr	Asn	Tyr	Ala	Asp	Ser	Val		
	50					55					60						
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Ser	Leu	Tyr		
65					70					75					80		
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys		
			85						90					95			

Val Lys

<210> 67  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 67

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly		
1				5					10					15			
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Asn	Ser		
			20					25					30				
Asp	Met	Asn	Trp	Val	His	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val		
		35					40					45					
Ser	Gly	Val	Ser	Trp	Asn	Gly	Ser	Arg	Thr	His	Tyr	Ala	Asp	Ser	Val		
	50					55					60						
Lys	Gly	Arg	Phe	Ile	Ile	Ser	Arg	Asp	Asn	Ser	Arg	Asn	Thr	Leu	Tyr		

Sequence Listing.txt

65		70		75		80									
Leu	Gln	Thr	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Val Arg

<210> 68  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 68

Glu	Val	Gln	Leu	Val	Glu	Thr	Gly	Gly	Gly	Leu	Ile	Gln	Pro	Gly	Gly
1				5					10					15	
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Val	Ser	Ser	Asn
			20					25					30		
Tyr	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val
		35					40					45			
Ser	Val	Ile	Tyr	Ser	Gly	Gly	Ser	Thr	Tyr	Tyr	Ala	Asp	Ser	Val	Lys
	50					55					60				
Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	Lys	Asn	Thr	Leu	Tyr	Leu
65					70					75					80
Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala
				85					90					95	

Arg

<210> 69  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 69

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
1				5					10					15	
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Val	Ser	Ser	Asn
			20					25					30		

# Sequence Listing.txt

```

Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
    35              40              45
Ser Val Ile Tyr Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
    50              55              60
Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
    65              70              75              80
Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
    85              90              95

```

Arg

```

<210> 70
<211> 97
<212> PRT
<213> Homo sapiens

```

<400> 70

```

Glu Val Gln Leu Val His Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1              5              10              15
Ser Leu Arg Leu Ser Cys Ala Gly Ser Gly Phe Thr Phe Ser Ser Tyr
    20              25              30
Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
    35              40              45
Ser Ala Ile Gly Thr Gly Gly Gly Thr Tyr Tyr Ala Asp Ser Val Lys
    50              55              60
Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu
    65              70              75              80
Gln Met Asn Ser Leu Arg Ala Glu Asp Met Ala Val Tyr Tyr Cys Ala
    85              90              95

```

Arg

```

<210> 71
<211> 97
<212> PRT
<213> Homo sapiens

```

# Sequence Listing.txt

<400> 71

```

Glu Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1          5          10          15
Ser Leu Arg Leu Ser Cys Ala Gly Ser Gly Phe Thr Phe Ser Ser Tyr
          20          25          30
Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
          35          40          45
Ser Ala Ile Gly Thr Gly Gly Gly Thr Tyr Tyr Ala Asp Ser Val Lys
          50          55          60
Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu
65          70          75          80
Gln Met Asn Ser Leu Arg Ala Glu Asp Met Ala Val Tyr Tyr Cys Ala
          85          90          95

```

Arg

<210> 72

<211> 98

<212> PRT

<213> Homo sapiens

<400> 72

```

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1          5          10          15
Ser Leu Arg Leu Ser Cys Ser Ala Ser Gly Phe Thr Phe Ser Ser Tyr
          20          25          30
Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Val
          35          40          45
Ser Ala Ile Ser Ser Asn Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
          50          55          60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65          70          75          80
Val Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
          85          90          95

```

# Sequence Listing.txt

Val Arg

<210> 73  
 <211> 35  
 <212> PRT  
 <213> Homo sapiens

<400> 73

Thr Phe Ser Ser Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys  
 1 5 10 15

Gly Leu Glu Tyr Val Ser Ala Ile Ser Ser Asn Gly Gly Ser Thr Tyr  
 20 25 30

Tyr Ala Asp  
 35

<210> 74  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 74

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg  
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr  
 20 25 30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val  
 35 40 45

Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val  
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr  
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys  
 85 90 95

Ala Arg

# Sequence Listing.txt

<210> 75  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 75

Gln	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Val	Val	Gln	Pro	Gly	Arg	1	5	10	15
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Ser	Tyr	20	25	30	
Ala	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val	35	40	45	
Ala	Val	Ile	Ser	Tyr	Asp	Gly	Ser	Asn	Lys	Tyr	Tyr	Ala	Asp	Ser	Val	50	55	60	
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	Lys	Asn	Thr	Leu	Tyr	65	70	75	80
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	85	90	95	

Ala Arg

<210> 76  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 76

Gln	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Val	Val	Gln	Pro	Gly	Arg	1	5	10	15
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Ser	Tyr	20	25	30	
Ala	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val	35	40	45	
Ala	Val	Ile	Ser	Tyr	Asp	Gly	Ser	Asn	Lys	Tyr	Tyr	Ala	Asp	Ser	Val	50	55	60	
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	Lys	Asn	Thr	Leu	Tyr	65	70	75	80

Sequence Listing.txt

65		70		75		80									
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 77  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 77

Glu	Val	Gln	Leu	Leu	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
1				5					10					15	
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Ser	Tyr
			20					25					30		
Ala	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val
		35					40					45			
Ser	Ala	Ile	Ser	Gly	Ser	Gly	Gly	Ser	Thr	Tyr	Tyr	Ala	Asp	Ser	Val
	50					55					60				
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	Lys	Asn	Thr	Leu	Tyr
65					70					75				80	
Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ala Lys

<210> 78  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 78

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
1				5					10					15	
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Ser	Tyr
			20					25					30		

# Sequence Listing.txt

```

Asp Met His Trp Val Arg Gln Ala Thr Gly Lys Gly Leu Glu Trp Val
    35              40              45
Ser Ala Ile Gly Thr Ala Gly Asp Thr Tyr Tyr Pro Gly Ser Val Lys
    50              55              60
Gly Arg Phe Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu
    65              70              75              80
Gln Met Asn Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala
    85              90              95

```

Arg

```

<210> 79
<211> 98
<212> PRT
<213> Homo sapiens

```

<400> 79

```

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1              5              10              15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
    20              25              30
Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
    35              40              45
Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
    50              55              60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
    65              70              75              80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
    85              90              95

```

Ala Arg

```

<210> 80
<211> 98
<212> PRT
<213> Homo sapiens

```



# Sequence Listing.txt

<400> 80

```
Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1          5          10          15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
          20          25          30
Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
          35          40          45
Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
          50          55          60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65          70          75          80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
          85          90          95
```

Ala Lys

<210> 81

<211> 98

<212> PRT

<213> Homo sapiens

<400> 81

```
Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1          5          10          15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
          20          25          30
Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
          35          40          45
Ala Val Ile Trp Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
          50          55          60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65          70          75          80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
          85          90          95
```

# Sequence Listing.txt

Ala Arg

<210> 82  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 82

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
1				5					10					15	
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Ser	Tyr
			20					25					30		
Ser	Met	Asn	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val
		35					40					45			
Ser	Tyr	Ile	Ser	Ser	Ser	Ser	Ser	Thr	Ile	Tyr	Tyr	Ala	Asp	Ser	Val
	50					55					60				
Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Ser	Leu	Tyr
65					70					75					80
Leu	Gln	Met	Asn	Ser	Leu	Arg	Asp	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
			85						90					95	

Ala Arg

<210> 83  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 83

Glu	Asp	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
1				5					10					15	
Ser	Leu	Arg	Pro	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Ala	Phe	Ser	Ser	Tyr
			20					25					30		
Val	Leu	His	Trp	Val	Arg	Arg	Ala	Pro	Gly	Lys	Gly	Pro	Glu	Trp	Val
		35					40					45			

Sequence Listing.txt

Ser Ala Ile Gly Thr Gly Gly Asp Thr Tyr Tyr Ala Asp Ser Val Met  
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Lys Ser Leu Tyr Leu  
65 70 75 80

Gln Met Asn Ser Leu Ile Ala Glu Asp Met Ala Val Tyr Tyr Cys Ala  
85 90 95

Arg

<210> 84  
<211> 98  
<212> PRT  
<213> Homo sapiens

<400> 84

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly  
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr  
20 25 30

Trp Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Val Trp Val  
35 40 45

Ser Arg Ile Asn Ser Asp Gly Ser Ser Thr Thr Tyr Ala Asp Ser Val  
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr  
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 85  
<211> 98  
<212> PRT  
<213> Homo sapiens

<400> 85

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly

Sequence Listing.txt

1	5	10	15
Ser	Leu	Arg	Leu
	20	Ser	Cys
		Ala	Ala
		25	Ser
		Gly	Phe
		Thr	Phe
		30	Ser
			Tyr
Trp	Met	Ser	Trp
	35	Val	Arg
		Gln	Ala
		40	Pro
		Gly	Lys
		Gly	Leu
		45	Glu
			Trp
			Val
Ala	Asn	Ile	Lys
	50	Gln	Asp
		Gly	Ser
		55	Glu
		Lys	Tyr
		Tyr	Val
		60	Asp
			Ser
			Val
Lys	Gly	Arg	Phe
	65	Thr	Ile
		70	Ser
		Arg	Asp
		Asn	Ala
		75	Lys
			Asn
			Ser
			Leu
			80
Leu	Gln	Met	Asn
		85	Ser
		Leu	Arg
		Ala	Glu
		90	Asp
		Thr	Ala
		Val	Tyr
		95	Tyr
			Cys

Ala Arg

<210> 86  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 86

Gln	Val	Gln	Leu	Gln	Gln	Trp	Gly	Ala	Gly	Leu	Leu	Lys	Pro	Ser	Glu
1			5				10							15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Tyr	Gly	Gly	Ser	Phe	Ser	Gly	Tyr
		20					25						30		
Tyr	Trp	Ser	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Ile
		35				40						45			
Gly	Glu	Ile	Ile	His	Ser	Gly	Ser	Thr	Asn	Tyr	Asn	Pro	Ser	Leu	Lys
	50					55				60					
Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser	Leu
	65				70					75					80
Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala
				85				90						95	

Arg

# Sequence Listing.txt

<210> 87  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 87

Gln	Val	Gln	Leu	Gln	Gln	Trp	Gly	Ala	Gly	Leu	Leu	Lys	Pro	Ser	Glu
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Tyr	Gly	Gly	Ser	Phe	Ser	Gly	Tyr
			20					25					30		
Tyr	Trp	Ser	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Ile
		35					40					45			
Gly	Glu	Ile	Asn	His	Ser	Gly	Ser	Thr	Asn	Tyr	Asn	Pro	Ser	Leu	Lys
	50					55					60				
Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser	Leu
65					70					75					80
Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala
				85					90					95	

Arg

<210> 88  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 88

Gln	Val	Gln	Leu	Gln	Gln	Trp	Gly	Ala	Gly	Leu	Leu	Lys	Pro	Ser	Glu
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Tyr	Gly	Gly	Ser	Val	Ser	Gly	Tyr
			20					25					30		
Tyr	Trp	Ser	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Ile
		35					40					45			
Gly	Tyr	Ile	Tyr	Tyr	Ser	Gly	Ser	Thr	Asn	Asn	Asn	Pro	Ser	Leu	Lys
	50					55					60				
Ser	Arg	Ala	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser	Leu

Sequence Listing.txt

65		70		75		80									
Asn	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Cys	Cys	Ala
				85					90					95	

Arg

<210> 89  
 <211> 99  
 <212> PRT  
 <213> Homo sapiens

<400> 89

Gln	Leu	Gln	Leu	Gln	Glu	Ser	Gly	Ser	Gly	Leu	Val	Lys	Pro	Ser	Gln
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Gly
			20					25					30		
Gly	Tyr	Ser	Trp	Ser	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu
		35					40					45			
Trp	Ile	Gly	Tyr	Ile	Tyr	His	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser
	50					55					60				
Leu	Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Arg	Ser	Lys	Asn	Gln	Phe
65					70					75					80
Ser	Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr
				85					90					95	

Cys Ala Arg

<210> 90  
 <211> 99  
 <212> PRT  
 <213> Homo sapiens

<400> 90

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Gln
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Thr	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Gly
			20					25					30		

# Sequence Listing.txt

Gly Tyr Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu  
35 40 45  
Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser  
50 55 60  
Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe  
65 70 75 80  
Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr  
85 90 95

Cys Ala Arg

<210> 91  
<211> 99  
<212> PRT  
<213> Homo sapiens

<400> 91

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu  
1 5 10 15  
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Val Ser Ser Gly  
20 25 30  
Ser Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu  
35 40 45  
Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser  
50 55 60  
Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe  
65 70 75 80  
Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr  
85 90 95

Cys Ala Arg

<210> 92  
<211> 98  
<212> PRT  
<213> Homo sapiens

# Sequence Listing.txt

<400> 92

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Glu
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Ser	Gly	Tyr	Ser	Ile	Ser	Ser	Gly
			20					25					30		
Tyr	Tyr	Trp	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp
		35					40					45			
Ile	Gly	Ser	Ile	Tyr	His	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser	Leu
	50					55					60				
Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser
65					70					75					80
Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 93

<211> 98

<212> PRT

<213> Homo sapiens

<400> 93

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Glu
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Thr	Val	Ser	Gly	Tyr	Ser	Ile	Ser	Ser	Gly
			20					25					30		
Tyr	Tyr	Trp	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp
		35					40					45			
Ile	Gly	Ser	Ile	Tyr	His	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser	Leu
	50					55					60				
Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser
65					70					75					80
Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	



# Sequence Listing.txt

Ala Arg

<210> 94  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 94

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Asp
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Ser	Gly	Tyr	Ser	Ile	Ser	Ser	Ser
			20					25					30		
Asn	Trp	Trp	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp
		35					40					45			
Ile	Gly	Tyr	Ile	Tyr	Tyr	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser	Leu
	50					55					60				
Lys	Ser	Arg	Val	Thr	Met	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	Ser
65					70					75					80
Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Val	Asp	Thr	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 95  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 95

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Gln
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Ser	Gly	Tyr	Ser	Ile	Ser	Ser	Ser
			20					25					30		
Asn	Trp	Trp	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp
		35					40					45			

Sequence Listing.txt

Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Ile Tyr Tyr Asn Pro Ser Leu  
50 55 60

Lys Ser Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Gln Phe Ser  
65 70 75 80

Leu Lys Leu Ser Ser Val Thr Ala Val Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 96

<211> 98

<212> PRT

<213> Homo sapiens

<400> 96

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu  
1 5 10 15

Thr Leu Ser Leu Thr Cys Val Val Ser Gly Gly Ser Ile Ser Ser Ser  
20 25 30

Asn Trp Trp Ser Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp  
35 40 45

Ile Gly Glu Ile Tyr His Ser Gly Asn Pro Asn Tyr Asn Pro Ser Leu  
50 55 60

Lys Ser Arg Val Thr Ile Ser Ile Asp Lys Ser Lys Asn Gln Phe Ser  
65 70 75 80

Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 97

<211> 98

<212> PRT

<213> Homo sapiens

<400> 97

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu

Sequence Listing.txt

1		5		10		15										
Thr	Leu	Ser	Leu	Thr	Cys	Val	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Ser	
			20					25					30			
Asn	Trp	Trp	Ser	Trp	Val	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp	
		35					40					45				
Ile	Gly	Glu	Ile	Tyr	His	Ser	Gly	Ser	Pro	Asn	Tyr	Asn	Pro	Ser	Leu	
	50					55					60					
Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Lys	Ser	Lys	Asn	Gln	Phe	Ser	
65					70					75					80	
Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	
				85					90					95		

Ala Arg

<210> 98  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 98

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Pro	Gly
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Ser
			20					25					30		
Asn	Trp	Trp	Ser	Trp	Val	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp
		35					40					45			
Ile	Gly	Glu	Ile	Tyr	His	Ser	Gly	Ser	Thr	Asn	Tyr	Asn	Pro	Ser	Leu
	50					55					60				
Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Lys	Ser	Lys	Asn	Gln	Phe	Ser
65					70					75					80
Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Cys	Cys
				85					90					95	

Ala Arg

# Sequence Listing.txt

<210> 99  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 99

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Gly	
1				5					10					15		
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Ser	
			20					25					30			
Asn	Trp	Trp	Ser	Trp	Val	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Trp	
		35					40					45				
Ile	Gly	Glu	Ile	Tyr	His	Ser	Gly	Ser	Thr	Asn	Tyr	Asn	Pro	Ser	Leu	
	50					55					60					
Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Lys	Ser	Lys	Asn	Gln	Phe	Ser	
65					70					75					80	
Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	
				85					90					95		

Ala Arg

<210> 100  
 <211> 99  
 <212> PRT  
 <213> Homo sapiens

<400> 100

Gln	Leu	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Glu	
1				5					10					15		
Thr	Leu	Ser	Leu	Thr	Cys	Thr	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Ser	
			20					25					30			
Ser	Tyr	Tyr	Trp	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu	
		35					40					45				
Trp	Ile	Gly	Ser	Ile	Tyr	Tyr	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser	
	50					55					60					
Leu	Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	Gln	Phe	

Sequence Listing.txt

65		70		75		80									
Ser	Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr
				85					90					95	

Cys Ala Arg

<210> 101  
 <211> 99  
 <212> PRT  
 <213> Homo sapiens

<400> 101

Gln	Leu	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Glu
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Thr	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Ser
			20					25					30		
Ser	Tyr	Tyr	Trp	Gly	Trp	Ile	Arg	Gln	Pro	Pro	Gly	Lys	Gly	Leu	Glu
		35					40					45			
Trp	Ile	Gly	Ser	Ile	Tyr	Tyr	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser
	50					55					60				
Leu	Lys	Ser	Arg	Val	Thr	Ile	Ser	Val	Asp	Thr	Ser	Lys	Asn	His	Phe
65					70					75					80
Ser	Leu	Lys	Leu	Ser	Ser	Val	Thr	Ala	Ala	Asp	Thr	Ala	Val	Tyr	Tyr
				85					90					95	

Cys Ala Arg

<210> 102  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 102

Gln	Val	Gln	Leu	Gln	Glu	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Glu
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Thr	Val	Ser	Gly	Gly	Ser	Ile	Ser	Ser	Tyr
			20					25					30		

# Sequence Listing.txt

```

Tyr Trp Ser Trp Ile Arg Gln Pro Ala Gly Lys Gly Leu Glu Trp Ile
   35                                40                                45
Gly Arg Ile Tyr Thr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
   50                                55                                60
Ser Arg Val Thr Asn Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
   65                                70                                75                                80
Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                   85                                90                                95

```

Arg

```

<210> 103
<211> 97
<212> PRT
<213> Homo sapiens

```

<400> 103

```

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1                                5                                10                                15
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
                   20                                25                                30
Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
   35                                40                                45
Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
   50                                55                                60
Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
   65                                70                                75                                80
Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                   85                                90                                95

```

Arg

```

<210> 104
<211> 97
<212> PRT
<213> Homo sapiens

```

# Sequence Listing.txt

<400> 104

```

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1                               5                               10          15
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Val Ser Ser Tyr
                20                25                30
Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
                35                40                45
Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
                50                55                60
Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Met Gln Phe Ser Leu
65                70                75                80
Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                85                90                95

```

Arg

<210> 105  
 <211> 97  
 <212> PRT  
 <213> Homo sapiens

<400> 105

```

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Asp
1                               5                               10          15
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
                20                25                30
Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
                35                40                45
Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
                50                55                60
Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
65                70                75                80
Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                85                90                95

```

# Sequence Listing.txt

Arg

<210> 106  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 106

Glu	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Glu
1				5					10					15	
Ser	Leu	Lys	Ile	Ser	Cys	Lys	Gly	Ser	Gly	Tyr	Ser	Phe	Thr	Ser	Tyr
			20					25					30		
Trp	Ile	Gly	Trp	Val	Arg	Gln	Met	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Met
		35					40					45			
Gly	Ile	Ile	Tyr	Pro	Gly	Asp	Ser	Asp	Thr	Arg	Tyr	Ser	Pro	Ser	Phe
	50					55					60				
Gln	Gly	Gln	Val	Thr	Ile	Ser	Ala	Asp	Lys	Ser	Ile	Ser	Thr	Ala	Tyr
65					70					75					80
Leu	Gln	Trp	Ser	Ser	Leu	Lys	Ala	Ser	Asp	Thr	Ala	Met	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 107  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 107

Glu	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Glu
1				5					10					15	
Ser	Leu	Lys	Ile	Ser	Cys	Lys	Gly	Ser	Gly	Tyr	Ser	Phe	Thr	Ser	Tyr
			20					25					30		
Trp	Ile	Gly	Trp	Val	Arg	Gln	Met	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Met
		35					40					45			



# Sequence Listing.txt

Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Arg Tyr Ser Pro Ser Phe  
50 55 60

Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Pro Ile Ser Thr Ala Tyr  
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 108  
<211> 98  
<212> PRT  
<213> Homo sapiens

<400> 108

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu  
1 5 10 15

Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Ser Tyr  
20 25 30

Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met  
35 40 45

Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Arg Tyr Ser Pro Ser Phe  
50 55 60

Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr  
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys  
85 90 95

Ala Arg

<210> 109  
<211> 98  
<212> PRT  
<213> Homo sapiens

<400> 109

Glu Val Gln Leu Leu Gln Ser Ala Ala Glu Val Lys Arg Pro Gly Glu

Sequence Listing.txt

1	5	10	15
Ser Leu Arg	Ile Ser Cys Lys Thr Ser Gly Tyr Ser Phe Thr Ser Tyr		
	20	25	30
Trp Ile His	Trp Val Arg Gln Met Pro Gly Lys Glu Leu Glu Trp Met		
	35	40	45
Gly Ser Ile Tyr Pro Gly Asn Ser Asp Thr Arg Tyr Ser Pro Ser Phe			
	50	55	60
Gln Gly His Val Thr Ile Ser Ala Asp Ser Ser Ser Ser Thr Ala Tyr			
65	70	75	80
Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Ala Ala Met Tyr Tyr Cys			
	85	90	95

Val Arg

<210> 110  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 110

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu			
1	5	10	15
Ser Leu Arg	Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Ser Tyr		
	20	25	30
Trp Ile Ser	Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met		
	35	40	45
Gly Arg Ile Asp Pro Ser Asp Ser Tyr Thr Asn Tyr Ser Pro Ser Phe			
	50	55	60
Gln Gly His Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr			
65	70	75	80
Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys			
	85	90	95

Ala Arg

# Sequence Listing.txt

<210> 111  
 <211> 98  
 <212> PRT  
 <213> Homo sapiens

<400> 111

Glu	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Glu
1				5					10					15	
Ser	Leu	Arg	Ile	Ser	Cys	Lys	Gly	Ser	Gly	Tyr	Ser	Phe	Thr	Ser	Tyr
			20					25					30		
Trp	Ile	Ser	Trp	Val	Arg	Gln	Met	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Met
		35					40					45			
Gly	Arg	Ile	Asp	Pro	Ser	Asp	Ser	Tyr	Thr	Asn	Tyr	Ser	Pro	Ser	Phe
	50					55					60				
Gln	Gly	His	Val	Thr	Ile	Ser	Ala	Asp	Lys	Ser	Ile	Ser	Thr	Ala	Tyr
65					70					75					80
Leu	Gln	Trp	Ser	Ser	Leu	Lys	Ala	Ser	Asp	Thr	Ala	Met	Tyr	Tyr	Cys
				85					90					95	

Ala Arg

<210> 112  
 <211> 101  
 <212> PRT  
 <213> Homo sapiens

<400> 112

Gln	Val	Gln	Leu	Gln	Gln	Ser	Gly	Pro	Gly	Leu	Val	Lys	Pro	Ser	Gln
1				5					10					15	
Thr	Leu	Ser	Leu	Thr	Cys	Ala	Ile	Ser	Gly	Asp	Ser	Val	Ser	Ser	Asn
			20					25					30		
Ser	Ala	Ala	Trp	Asn	Trp	Ile	Arg	Gln	Ser	Pro	Ser	Arg	Gly	Leu	Glu
		35					40					45			
Trp	Leu	Gly	Arg	Thr	Tyr	Tyr	Arg	Ser	Lys	Trp	Tyr	Asn	Asp	Tyr	Ala
	50					55					60				
Val	Ser	Val	Lys	Ser	Arg	Ile	Thr	Ile	Asn	Pro	Asp	Thr	Ser	Lys	Asn

Sequence Listing.txt

65		70		75		80									
Gln	Phe	Ser	Leu	Gln	Leu	Asn	Ser	Val	Thr	Pro	Glu	Asp	Thr	Ala	Val
			85						90					95	

Tyr Tyr Cys Ala Arg  
100

<210> 113  
<211> 87  
<212> PRT  
<213> Homo sapiens

<400> 113

Arg	Lys	Leu	Gly	Ala	Ser	Val	Lys	Val	Ser	Arg	Lys	Ala	Ser	Ser	Tyr
1				5					10					15	

Thr	Phe	Thr	Ser	Tyr	Asp	Ile	His	Cys	Val	Arg	Gln	Ala	Pro	Gly	Lys
			20					25					30		

Gly	Leu	Lys	Gly	Trp	Met	Gly	Gly	Ile	Tyr	Ser	Gly	Asn	Gly	Lys	Thr
		35					40					45			

Gly	Tyr	Ala	Gln	Lys	Phe	Gln	Arg	Val	Thr	Met	Thr	Arg	Asp	Met	Ser
	50					55					60				

Thr	Ser	Thr	Ala	Tyr	Met	Glu	Leu	Ser	Ser	Gln	Arg	Ser	Glu	Asp	Ile
65					70					75					80

Asp Val Tyr Tyr Cys Ala Arg  
85

<210> 114  
<211> 5  
<212> PRT  
<213> Homo sapiens

<400> 114

Asp Tyr Gly Met Ser  
1 5

<210> 115  
<211> 17  
<212> PRT  
<213> Homo sapiens

Sequence Listing.txt

<400> 115

Gly	Ile	Asn	Trp	Asn	Gly	Gly	Ser	Thr	Gly	Tyr	Ala	Asp	Ser	Val	Lys
1				5					10					15	

Gly

<210> 116

<211> 11

<212> PRT

<213> Homo sapiens

<400> 116

Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Arg
1				5					10	

<210> 117

<211> 11

<212> PRT

<213> Homo sapiens

<400> 117

Ala	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg
1				5					10	

<210> 118

<211> 11

<212> PRT

<213> Homo sapiens

<400> 118

Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn
1				5					10	

<210> 119

<211> 8

<212> PRT

<213> Homo sapiens

<400> 119

Gly	Lys	Gly	Leu	Glu	Trp	Val	Ser
1				5			

Sequence Listing.txt

<210> 120  
 <211> 6  
 <212> PRT  
 <213> Homo sapiens

<400> 120

Trp Val Arg Gln Ala Pro  
 1 5

<210> 121  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 121

Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp  
 1 5 10

<210> 122  
 <211> 7  
 <212> PRT  
 <213> Homo sapiens

<400> 122

Ala Val Tyr Tyr Cys Ala Arg  
 1 5

<210> 123  
 <211> 20  
 <212> PRT  
 <213> Homo sapiens

<400> 123

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly  
 1 5 10 15

Gly Gly Gly Ser  
 20

<210> 124  
 <211> 15  
 <212> PRT  
 <213> Homo sapiens

Sequence Listing.txt

<400> 124

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
1 5 10 15

<210> 125

<211> 9

<212> PRT

<213> Homo sapiens

<400> 125

Asn Ser Arg Asp Ser Ser Gly Asn His  
1 5

<210> 126

<211> 8

<212> PRT

<213> Homo sapiens

<400> 126

Ala Ala Trp Asp Asp Ser Leu Val  
1 5

<210> 127

<211> 8

<212> PRT

<213> Homo sapiens

<400> 127

Met Gln Ser Ile Gln Leu Pro Thr  
1 5

<210> 128

<211> 9

<212> PRT

<213> Homo sapiens

<400> 128

Met Gln Ser Ile Gln Leu Pro Ala Thr  
1 5

<210> 129

<211> 10

<212> PRT

Sequence Listing.txt

<213> Homo sapiens

<400> 129

Ala	Ala	Trp	Asp	Asp	Gly	Leu	Ser	Leu	Val
1				5					10

<210> 130

<211> 10

<212> PRT

<213> Homo sapiens

<400> 130

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Ser	Gly	Val
1				5					10

<210> 131

<211> 11

<212> PRT

<213> Homo sapiens

<400> 131

Asn	Ser	Arg	Asp	Ser	Ser	Gly	Ser	Val	Arg	Val
1				5					10	

<210> 132

<211> 9

<212> PRT

<213> Homo sapiens

<400> 132

Leu	Leu	Tyr	Tyr	Gly	Gly	Ala	Tyr	Val
1				5				

<210> 133

<211> 11

<212> PRT

<213> Homo sapiens

<400> 133

Asn	Ser	Arg	Asp	Ser	Ser	Gly	Val	Ser	Arg	Val
1				5					10	

<210> 134



# Sequence Listing.txt

<211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 134

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Pro	Tyr	Val
1				5					10

<210> 135  
 <211> 12  
 <212> PRT  
 <213> Homo sapiens

<400> 135

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Cys	Pro	Glu	Phe	Val
1				5					10		

<210> 136  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 136

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Ala	Trp	Phe	Val
1				5					10	

<210> 137  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 137

Leu	Ala	Trp	Asp	Thr	Ser	Pro	Arg	Trp	Val
1				5					10

<210> 138  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 138

Thr	Ala	Trp	Asp	Asp	Ser	Leu	Ala	Val	Val
1				5					10

# Sequence Listing.txt

<210> 139  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 139

Asn	Ser	Arg	Asp	Ser	Ser	Gly	Asn	His	Arg	Val
1				5					10	

<210> 140  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 140

Gln	Gln	Tyr	Gly	Ser	Ser	Gln	Arg	Thr
1				5				

<210> 141  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 141

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Arg	Leu	Val
1				5					10

<210> 142  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 142

Met	Gln	Gly	Thr	His	Trp	Arg	Pro	Thr
1				5				

<210> 143  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 143

Sequence Listing.txt

Met Gln Gly Lys His Trp Pro Leu Thr  
1 5

<210> 144  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 144

Ala Ala Trp Asp Asp Ser Leu Gly Phe  
1 5

<210> 145  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 145

Met Gln Gly Thr His Arg Arg Ala Thr  
1 5

<210> 146  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 146

Met Gln Ala Leu Gln Thr Pro Leu Thr  
1 5

<210> 147  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 147

Met Arg Gly Thr His Arg Arg Ala Thr  
1 5

<210> 148  
<211> 9  
<212> PRT  
<213> Homo sapiens

Sequence Listing.txt

<400> 148

Met Gln Gly Thr His Trp His Pro Thr  
1 5

<210> 149

<211> 8

<212> PRT

<213> Homo sapiens

<400> 149

Met Gln Ala Leu Gln Ser Pro Thr  
1 5

<210> 150

<211> 10

<212> PRT

<213> Homo sapiens

<400> 150

Ala Ala Trp Asp Asp Ser Leu Ala Phe Val  
1 5 10

<210> 151

<211> 8

<212> PRT

<213> Homo sapiens

<400> 151

Met Gln Ala Leu Gln Thr Pro Thr  
1 5

<210> 152

<211> 8

<212> PRT

<213> Homo sapiens

<400> 152

Gln Gln Ser Tyr Ser Thr Arg Thr  
1 5

<210> 153

<211> 9

<212> PRT

# Sequence Listing.txt

<213> Homo sapiens

<400> 153

Met Gln Gly Thr His Trp Pro Phe Thr  
1 5

<210> 154

<211> 9

<212> PRT

<213> Homo sapiens

<400> 154

Met Gln Gly Thr His Trp Pro Ala Thr  
1 5

<210> 155

<211> 10

<212> PRT

<213> Homo sapiens

<400> 155

Ala Ala Trp Asp Asp Ser Leu Arg Ser Val  
1 5 10

<210> 156

<211> 9

<212> PRT

<213> Homo sapiens

<400> 156

Ala Ala Trp Asp Asp Ser Leu Leu Val  
1 5

<210> 157

<211> 11

<212> PRT

<213> Homo sapiens

<400> 157

Asp Ser Trp Asp Asn Ser Leu Val Ser Pro Val  
1 5 10

<210> 158

# Sequence Listing.txt

<211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 158

Met Gln Ala Leu Gln Ser Pro Ala Thr  
 1 5

<210> 159  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 159

Met Gln Ala Leu Gln Thr Pro Val Thr  
 1 5

<210> 160  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 160

Ala Ala Trp Asp Asp Ser Leu Ser Ala Tyr Val  
 1 5 10

<210> 161  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 161

Asn Ser Arg Asp Ser Ser Gly Arg Val Asn Val  
 1 5 10

<210> 162  
 <211> 8  
 <212> PRT  
 <213> Homo sapiens

<400> 162

Met Gln Ala Leu Arg Thr Arg Thr  
 1 5

# Sequence Listing.txt

<210> 163  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 163

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Phe	Tyr	Pro	Val
1				5					10	

<210> 164  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 164

Met	Gln	Gly	Thr	His	Trp	Pro	Val	Thr
1				5				

<210> 165  
 <211> 8  
 <212> PRT  
 <213> Homo sapiens

<400> 165

Met	Gln	Gly	Thr	His	Trp	Arg	Thr
1				5			

<210> 166  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 166

Ala	Ala	Trp	Asp	Asp	Ser	Leu	Phe	Tyr	Val
1				5					10

<210> 167  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 167

Sequence Listing.txt

Met Gln Ser Ile Gln Leu Pro Leu Thr  
1 5

<210> 168  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 168

Ala Ala Trp Asp Asp Ser Leu Leu Gly Ser Val  
1 5 10

<210> 169  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 169

Cys Ser Tyr Ala Gly Ser Ser Tyr Val  
1 5

<210> 170  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 170

Gln Gln Asp Tyr Asn Leu Leu Thr  
1 5

<210> 171  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 171

Val Leu Tyr Met Gly Ser Gly Ser Ala Val  
1 5 10



Sequence Listing.txt

<210> 172  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 172

Met Gln Arg Ile Glu Phe Pro Asn Thr  
1 5

<210> 173  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 173

Ala Ala Trp Asp Asp Ser Leu Ala Cys Ala Val  
1 5 10

<210> 174  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 174

Gln Gln Ala Asn Ser Phe Arg Thr  
1 5

<210> 175  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 175

Ala Ala Trp Asp Asp Ser Leu Ser Arg Pro Val  
1 5 10

Sequence Listing.txt

<210> 176  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 176

Ala Ala Trp Asp Asp Ser Leu Tyr Asn Val  
1 5 10

<210> 177  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 177

Ala Ala Trp Asp Asp Ser Leu Asn Arg Asn Val  
1 5 10

<210> 178  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 178

Met Gln Val Leu Gln Thr Arg Thr  
1 5

<210> 179  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 179

Met Gln Ala Leu Gln Thr Arg Thr  
1 5

Sequence Listing.txt

<210> 180  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 180

Gln Gln Ser Tyr Ser Thr Arg Met  
1 5

<210> 181  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 181

Met Gln Ala Leu Gln Thr Leu Thr  
1 5

<210> 182  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 182

Met Arg Ala Leu Gln Thr Pro Thr  
1 5

<210> 183  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 183

Ala Ala Trp Asp Asp Ser Leu Pro Gly Tyr Val  
1 5 10

Sequence Listing.txt

<210> 184  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 184

Ala Ala Trp Asp Asp Ser Leu Gly Phe Val  
1 5 10

<210> 185  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 185

Ala Ala Trp Asp Asp Ser Leu Phe Leu Val  
1 5 10

<210> 186  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 186

Met Gln Ser Ile Gln Leu Arg Thr  
1 5

<210> 187  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 187

Ala Ala Trp Asp Asp Ser Leu Ser Ile Val  
1 5 10

Sequence Listing.txt

<210> 188  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 188

Met Gln Gly Thr His Trp Pro Thr  
1 5

<210> 189  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 189

Met Gln Ala Leu His Thr Arg Thr  
1 5

<210> 190  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 190

Asn Ser Arg Asp Ser Ser Gly Ser Val  
1 5

<210> 191  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 191

Gln Gln Tyr Gly Ser Ser Pro Tyr Thr  
1 5

# Sequence Listing.txt

<210> 192  
 <211> 8  
 <212> PRT  
 <213> Homo sapiens

<400> 192

Gln Gln Ser Tyr Ser Thr Arg Thr  
 1 5

<210> 193  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 193

Gln Gln Ala Asn Ser Phe Ala Ala Thr  
 1 5

<210> 194  
 <211> 9  
 <212> PRT  
 <213> Homo sapiens

<400> 194

Gln Gln Ala Asn Ser Phe Pro Ala Thr  
 1 5

<210> 195  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 195

Val Leu Tyr Met Gly Ser Gly Val Tyr Val  
 1 5 10

Sequence Listing.txt

<210> 196  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 196

Ala Ala Trp Asp Asp Ser Leu Trp Ser Ala Val  
1 5 10

<210> 197  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 197

Ala Ala Trp Asp Asp Ser Leu Pro Arg Arg Leu Val  
1 5 10

<210> 198  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 198

Ala Ala Trp Asp Asp Ser Leu Pro Ser Gly Val  
1 5 10

<210> 199  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 199

Met Gln Ala Leu Gln Thr Leu Thr  
1 5

# Sequence Listing.txt

<210> 200  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 200

Ala Ala Trp Asp Asp Gly Leu Leu Arg Val  
 1 5 10

<210> 201  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 201

Ala Ala Trp Asp Asp Ser Leu Ala Leu Val  
 1 5 10

<210> 202  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 202

Asn Ser Arg Asp Ser Ser Gly Phe Gln Leu Val  
 1 5 10

<210> 203  
 <211> 277  
 <212> PRT  
 <213> Homo sapiens

<400> 203

Met Lys Tyr Leu Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Leu Ala  
 1 5 10 15

Ala Gln Pro Ala Met Ala Glu Val Gln Leu Val Glu Ser Gly Gly Gly  
 20 25 30



# Sequence Listing.txt

Val	Val	Arg	Pro	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly				
		35					40					45							
Phe	Thr	Phe	Asp	Asp	Tyr	Gly	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly				
	50					55					60								
Lys	Gly	Leu	Glu	Trp	Val	Ser	Gly	Ile	Asn	Trp	Asn	Gly	Gly	Ser	Thr				
65					70					75					80				
Gly	Tyr	Ala	Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn				
				85					90					95					
Ala	Lys	Asn	Ser	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp				
			100					105					110						
Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Leu	Thr	His	Pro	Tyr	Phe	Trp	Gly				
		115					120					125							
Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Arg	Gly	Gly	Gly	Gly	Ser	Gly	Gly				
	130					135						140							
Gly	Gly	Ser	Gly	Gly	Gly	Gly	Ser	Ser	Glu	Leu	Thr	Gln	Asp	Pro	Ala				
145					150					155					160				
Val	Ser	Val	Ala	Leu	Gly	Gln	Thr	Val	Arg	Ile	Thr	Cys	Gln	Gly	Asp				
				165					170					175					
Ser	Leu	Arg	Ser	Tyr	Tyr	Ala	Ser	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln				
			180					185					190						
Ala	Pro	Val	Leu	Val	Ile	Tyr	Gly	Lys	Asn	Asn	Arg	Pro	Ser	Gly	Ile				
		195					200					205							
Pro	Asp	Arg	Phe	Ser	Gly	Ser	Ser	Ser	Gly	Asn	Thr	Ala	Ser	Leu	Thr				
	210					215					220								
Ile	Thr	Gly	Ala	Gln	Ala	Glu	Asp	Glu	Ala	Asp	Tyr	Tyr	Cys	Asn	Ser				
225					230					235					240				
Arg	Asp	Ser	Ser	Gly	Asn	His	Val	Val	Phe	Gly	Gly	Gly	Thr	Lys	Leu				
				245					250					255					
Thr	Val	Leu	Gly	Ala	Ala	Ala	Glu	Gln	Lys	Leu	Ile	Ser	Glu	Glu	Asp				
			260					265					270						
Leu	Asn	Gly	Ala	Ala															
		275																	

# Sequence Listing.txt

<210> 204  
 <211> 266  
 <212> PRT  
 <213> Homo sapiens

<400> 204

Met	Lys	Tyr	Leu	Leu	Pro	Thr	Ala	Ala	Ala	Gly	Leu	Leu	Leu	Leu	Ala	1	5	10	15
Ala	Gln	Pro	Ala	Met	Ala	Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	20	25	30	
Val	Val	Arg	Pro	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	35	40	45	
Phe	Thr	Phe	Asp	Asp	Tyr	Gly	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	50	55	60	
Lys	Gly	Leu	Glu	Trp	Val	Ser	Gly	Ile	Asn	Trp	Asn	Gly	Gly	Ser	Thr	65	70	75	80
Gly	Tyr	Ala	Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	85	90	95	
Ala	Lys	Asn	Ser	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	100	105	110	
Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Met	Arg	Ala	Pro	Val	Ile	Trp	Gly	115	120	125	
Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Arg	Gly	Gly	Gly	Gly	Ser	Gly	Gly	130	135	140	
Gly	Gly	Ser	Gly	Gly	Gly	Gly	Ser	Ser	Glu	Leu	Thr	Gln	Asp	Pro	Ala	145	150	155	160
Val	Ser	Val	Ala	Leu	Gly	Gln	Thr	Val	Arg	Ile	Thr	Cys	Gln	Gly	Asp	165	170	175	
Ser	Leu	Arg	Ser	Tyr	Tyr	Ala	Ser	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	180	185	190	
Ala	Pro	Val	Leu	Val	Ile	Tyr	Gly	Lys	Asn	Asn	Arg	Pro	Ser	Gly	Ile	195	200	205	

# Sequence Listing.txt

Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr  
210 215 220

Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser  
225 230 235 240

Arg Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu  
245 250 255

Thr Val Leu Gly Ala Ala Ala Lys Ala Lys  
260 265